



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15  
DAYS AFTER SIGNATURE DATE UNLESS WE HEAR OTHERWISE FROM  
FAA NTSB COUNSEL

Mike Monroney  
Aeronautical Center

██████████  
Oklahoma City, Oklahoma 73125

Monday, December 19, 2016

National Transportation Safety Board

██████████  
Federal Way, WA 98003

<b>ACCIDENT #</b> 0230	<b>INDIVIDUAL#:</b> 001	<b>NAME:</b> ██████████	<b>MODE:</b> AVIATION
<b>DATE OF ACCIDENT</b> 10/25/2016	<b>DATE RECEIVED</b> 10/28/2016	<b>PUTREFACTION:</b> No	
<b>N #</b> 364RM	<b>NTSB #</b> WPR17FA013	<b>CAMI REF #</b> 201600230001	
<b>LOCATION OF ACCIDENT</b> Nortonville, CA			
<b>SPECIMENS</b> Liver, Lung, Muscle			

### FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

**CARBON MONOXIDE:** The carboxyhemoglobin (COHb) saturation is determined by spectrophotometry with a 10% cut off and confirmed by chromatography.

>> NOT PERFORMED

**CYANIDE:** The presence of cyanide is screened by Conway Diffusion, when the COHb level is equal to or greater than 10% or upon special request. Cyanides are quantitated by spectrophotometry and confirmed by chromatography. The reporting cutoff for cyanide is 0.25 ug/mL. Normal blood cyanide concentrations are less than 0.15 ug/mL, while lethal concentrations are greater than 3 ug/mL.

>> NOT PERFORMED

**VOLATILES:** The volatile concentrations are determined by headspace gas chromatography at a cut off of 10 mg/dL. Where possible, positive ethanol values are confirmed by Radiative Energy Attenuation.

>> NO ETHANOL detected in Muscle  
>> NO ETHANOL detected in Liver

**DRUGS:** Specimens are analyzed using immunoassay, chromatography, GC/MS, HPLC/MS, or GC/FTIR. Concentrations (ug/mL) at or above those in ( ) can be determined for, but not limited to, the following drugs: amphetamines (0.010), opiates (0.010), marijuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), and antihistamines (0.020). Drugs and/or their metabolites, that are not impairing or abused, may be reported from the initial tests. See the CAMI Drug Information Web Site for additional information (<http://jag.cami.jccbi.gov/toxicology/>).

>> Atorvastatin detected in Liver  
>> Bupropion detected in Liver  
>> Bupropion detected in Muscle  
>> Bupropion Metabolite detected in Liver  
>> Bupropion Metabolite detected in Muscle  
>> Valsartan detected in Liver

  
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c=US, o=U.S. Government, ou=AMC, ou=AMC,  
cn=RUSSELL J LEWIS  
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Monday, December 19, 2016

CONTINUATION OF REF#: 201600230001 — [REDACTED]



Russell Lewis, Ph.D., F-ABFT  
TC, FAA, Forensic Toxicology  
Research Team CAMI

c=US, o=U.S. Government, ou=AMC, ou=AMC,  
cn=RUSSELL J LEWIS  
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